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**Title:** EP0992100A2: DEVICE AND SYSTEM FOR MANAGEMENT OF BATTERY BACK UP POWER SOURCE

**Country:** EP European Patent Office (EPO)

**Kind:** A2 Publ. of Application without search report

**Inventor:** DUNN, James, H.; de OLIVEIRA, Julio, C.; GERWING, David, H.; [No I](#)

**Assignee:** Estco Energy Inc. [News, Profiles, Stocks and More about this company](#) (Try [WO](#))

**Published / Filed:** April 12, 2000 / July 3, 1998

**Application Number:** EP1998000931856

**IPC Code:** [H02J 7/00](#); [G01R 31/36](#)

**Priority Number:** July 3, 1997 [US1997000887844](#)  
July 4, 1997 [CA1997002209817](#)

**Abstract:**

The invention relates to a device for managing battery packs from which it is powered by measuring and monitoring the operating capacity of individual battery modules in a battery pack. A programmable logic controller directs the selective closing of relays to allow individual battery modules to be load-tested using a variable discharge load unit, without compromising useful battery pack capacity. In a further embodiment, the invention can include, for each user, a network of battery management devices with two-way communications links to a central management location with computer based monitoring and control of all battery packs. In addition, a centre of expertise on battery technology is linked to the user networks.

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**Attorney, Agent or Firm:** Gerbaulet, Hannes, Dipl.-Ing. ;

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**Legal Status:**

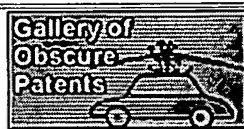
**Designated Country:** AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

**Family:** [Show 10 known family members](#)

Other Abstract Info: DEBAPS 61000 106222

Other Abstract Info.

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